

Appl. No. 10/604,568
Amtd. dated August 24, 2006
Reply to Office action of May 30, 2006

REMARKS/ARGUMENTS

1. Rejection of claims 1-14 under 35 U.S.C. 103(a):

Claims 1-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Estes et al (US 6,289,204) in view of Trikha et al (US 6,072,993) and Kommrusch et al (US 5,584,053).

Response:

Claim 1 has been amended to remove recitation of power amplifiers that had no antecedent basis in the claim. Acceptance of the corrected claim is requested.

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Additionally, the applicant would like to point out how claim 1 is patentably distinguished from the cited prior art. Claim 1 recites that the RF transceiver module comprises "a shielding via fence formed under the band selection filter for isolating high power RF signals produced by a power amplifier from the RF transceiver IC."

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The shielding via fence 62 is illustrated in Fig. 5B, where the shielding via fence 62 is formed under the SAW filters 14.

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On the other hand, Estes et al does not teach a shielding via fence. Instead, Estes et al only teaches "a limiter diode 227 for providing shielding protection from power surges for the low noise amplifier" and "a quarter-wavelength transmission line 229, connected to ground, for providing protection against electrostatic discharge." However, neither the diode 227 nor the quarter-wavelength transmission line 229 meets all of the limitations specified in claim 1 of "a shielding via fence formed under the band selection filter for isolating high power RF signals produced by a power amplifier from the RF transceiver IC." Neither component is formed under a band selection filter and neither is a shielding via fence.

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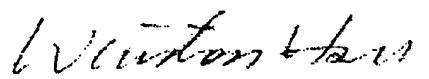
In addition, neither Trikha et al nor Kommrusch et al teach the claimed limitation of "a shielding via fence formed under the band selection filter for isolating high power RF signals produced by a power amplifier from the RF transceiver IC", and therefore the combination of the three cited prior art references does not render this shielding via fence obvious. Therefore, the cited prior art fails to teach all of the limitations of claim 1.

Claims 2-14 are dependent on claim 1, and should be allowed if claim 1 is allowed. Reconsideration of claims 1-14 is respectfully requested.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

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Sincerely yours,



Date: August 24, 2006

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25 Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)